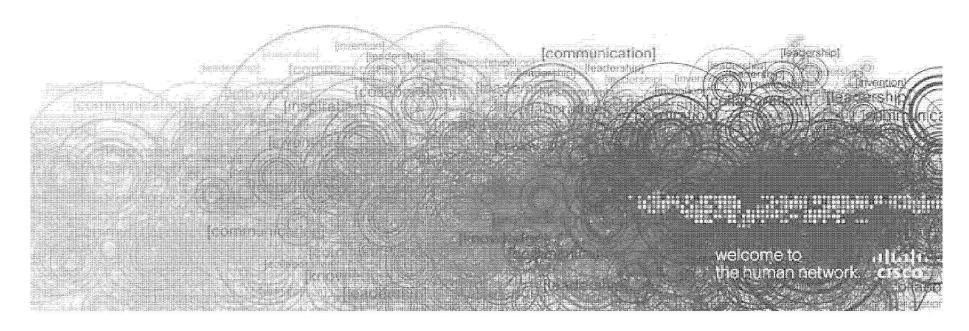
## REVISED EXHIBIT D



## Thinking Inside the Box— Onboard Automation with EEM

BRKDEV-1191



## What Is Coming in EEM 3.2

- Three new event detectors
  - Neighbor discovery event detector
    - Detect and generate CDP and LLDP-related events
  - Identity event detector
    - Detect and generate events related to authentication and authorization over 802.1x and MAB protocol
  - MAC address table event detector
    - Monitor MAC address table entry changes and generate corresponding events
- One new type of policy—Cisco IOS.sh-based policy
  - A simple and powerful way of designing EEM policy
  - Cisco IOS.sh is a scripting language similar to Linux bash for Cisco IOS CLI

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## **IOS.sh Shell Drivers**

- CLI is complex and getting more complex
- > 75% of all network failures can be linked to human configuration errors \*
- Configuration CLI is different for different versions of IOS (and platforms)
- There is no good way to extend or modify the behavior of CLI without modifying IOS itself (12-18 month process)
- Customers have huge investment in Cisco CLI. We are extending and preserving that investment

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<sup>\*</sup> Gartner report, reported in CNET News, 1-26-01, SAGE Report, http://hissa.nist.gov/kuhn/pstn.html